Web Design Projects

Read the projects described below. Then follow the directions to complete each project.

1. Evaluate Web Site Design

Locate five different Web sites and write down the URL for each. Evaluate the five sites and make a table like the one shown below that identifies:

The site's category (e.g., commercial, informational, personal)

The purpose of the site

The target audience (consider age, gender, interests, economic levels)

Key elements that "jump out at you" on the home page

With your teacher's permission, print out each Web site's home page.

Site	Category	Purpose	Audience	Key Elements
The Museum of Modern Art in New York (www.moma.org)	Educational	Educate viewers about art and the museum's collection	General population including teenagers and adults	Events, artwork, and online exhibits

Research Web Development Careers

Select one of the following career opportunities: Web developer, Web designer, or Webmaster. Then, conduct research to answer the following questions:

What types of specialized skills does the job require?
What types of leadership skills does the job require?
What are some of the job responsibilities?

Organize your information and write a one-page report about the career.

Web Design Projects

Create a Community Web Site

The Internet can be a powerful tool for social change. In 1997, Jody Williams won a Nobel Prize for her work to outlaw land mines. Using e-mails and the World Wide Web, she organized citizen's groups around the world and helped forge a coalition among the world's nations.

Select a community or national issue that is important to you. Create a one page Web site that tells other teens about the issue, and lets them know what actions they can take to become more involved.

When creating the your Web site, follow these steps:

1. Plan the site's content. Research the issue using reliable resources. Try to locate different perspectives on the issue and identify possible solutions.

2. Summarize your research. Describe the issue and how it affects your community, the nation, or the world.

3. Include a list of steps that your audience can take to address the issue. You will include this information on your Web site, so be brief.

4. Write down the URLs of links where people can learn more about the issue.

5. Use Dreamweaver to create a one-page Web site about your issue. On this site, include:

    the summary of your research
    the list of steps needed to address the issue
    links to sites related to the issue

6. Select appropriate background and font colors for your site. Add a graphic such as a border to the site.

7. Test your site in a browser. Be sure to test all the hyperlinks. Spell check and proofread the site and make changes as needed.

8. Optional (with your teacher's permission) – publish the finished Web site on your school or class Web site.

Web Design Projects – Skills Studio

These exercises reinforce the skills you learned in this chapter's *You Try It* activities. Refer back to the *You Try It* Activities if you need extra guidance.

1. Format Text
   Create a new one-page web site to advertise an International Festival.

   a. Create a new one-page Web site named **International Festival**. Use your teacher's instructions to store the site's files in the proper location.

   b. Create a new HTML page called index.html for the site.

   c. Change the page's background color to light blue. The color value is #99CCFF.

   d. Add the text in the box below. Follow the spacing shown. (Press Enter to move down two lines and **Shift** + **Enter** to move down one line.)

   e. Format the name of the fair as **Heading 1**. Format the date and time information as **Heading 3** and italicize the text. Format the remaining text as an 18 pixel size font.

2. Add Graphics and a List to a Web Site

   Enhance the Web site by adding a graphic and a list of restaurants to the page.

International Festival
July 23 and July 24
11 a.m. to 11 p.m.
Entertainment for all ages…
Art Exhibits…
Live music…
Dozens of food vendors…

   a. Open **index.html** page of the **International Festival** Web site

   b. Move the insertion to the top of the page in front of the word **International**. Insert the **festival.gif** image from the Chapter 2 images folder. Click once after the image and press **Enter**.

   c. Position the insertion point after the text **Dozens of food vendors…** Press **Enter**. Key a list of local restaurants into the page.

   d. Select the entire list and choose **Text>List>Unordered List** from the menu bar.

   e. Preview as a web page.

   f. Save the Web site and close Dreamweaver.

Create a Food Festival Web Page

For this project, you will create a Web page for the Language Club's International Food Festival. Choose one of the following topics for your page:

- ☐ A profile of one of the teachers or administrators in your school who will represent another country as a guest speaker.
- ☐ A restaurant in the area that will be donating food for one of the booths representing a particular nationality.
- ☐ A writing contest offered by the Language Club about **Diversity and Cultural Awareness.**

When creating your Web page, follow these steps:

1. Determine your mission statement and audience.

2. Determine how visitors will navigate to your page from the Web site's home page.

3. Determine the elements to include on the page, including:
   a. Title
   b. Text
   c. Visuals
   d. Navigation elements
   e. Themes
   f. Colors

4. Locate any images you might need (remember copyright and fair use).

5. Create a sketch showing how the page will be laid out to include all the necessary elements.

6. Create the Web page.

7. Add hyperlinks to other pages on the Language Club Web site or to other relevant Web sites.

8. Use the checklist (shown on the right) to evaluate the items on your site.

9. Present your finished page to your teacher and peers for their review. Have them evaluate it based on the checklist.

Web Page Checklist
Overall Appearance &

Content
- ☐ The subject of the Web page is clearly identified.
- ☐ The design is consistent and uncluttered.
- ☐ Most important elements are visible on the screen without scrolling.
- ☐ Images and links relate to the text on the page.

Organizing Text
- ☐ Content is organized logically.
- ☐ Text is broken into small sections.
- ☐ The fonts are easy to read.
- ☐ Key points are easy to read.
- ☐ Key points are highlighted effectively.
- ☐ Headings and subheadings follow a logical hierarchy.
- ☐ Paragraphs or text blocks are separated by white space.

Language
- ☐ Sentences are short and simple.
- ☐ Bulleted or numbered lists are used effectively.
- ☐ Grammar, punctuation, and spelling are correct.
- ☐ Language is concise.
- ☐ Text uses effective style such as active voice, strong verbs and nouns, etc.